

PENNIE &amp; EDMONDS LLP DOCKET NO. 9661-0005-999

# DECLARATION AND POWER OF ATTORNEY

I, the undersigned named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

## BROAD-BRAND MPSK SPREAD SPECTRUM COMMUNICATIONS RECEIVER WITH CARRIER RECOVERY AND TRACKING USING CORRELATION TECHNIQUES

and for which a patent application:

- ☐ is attached hereto and includes amendment(s) filed on (if applicable)  
☒ was filed in the United States on August 26, 1999 as Application No. 09/383,662 for declaration was accompanying application(s)  
 with amendment(s) filed on (if applicable)  
☐ was filed as PCT international Application No. on and was amended under PCT Article 19 on (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			YES <input type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE
60/098,679	Sept. 1, 1998
60/098,680	Sept. 1, 1998

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Mistrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Benj. A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Harry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebe (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmund R. Bannan (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), James G. Markey (Reg. No. 31636), Thomas D. Kohler (Reg. No. 32797), Scott D. Stimpson (Reg. No. 33607), Gary S. Williams (Reg. No. 31066), William S. Galliani (Reg. No. 33885), Ann L. Gisolff (Reg. No. 31956), Todd A. Wagner (Reg. No. 35399), Scott B. Familant (Reg. No. 35504), Warren S. Helt (Reg. No. 36828), Kelly D. Talcott (Reg. No. 39582), and Mark A. Farley (Reg. No. 33170) and, all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

PENNIE &amp; EDMONDS LLP DOCKET NO. 9661-0005-999

SEND CORRESPONDENCE TO:		PENNIE & EDMONDS LLP		DIRECT TELEPHONE CALLS TO:		PENNIE & EDMONDS LLP DOCKETING	
201	FULL NAME OF INVENTOR	LAST NAME HU	FIRST NAME Aiqun	MIDDLE NAME			
	RESIDENCE & CITIZENSHIP	CITY Nanjing	STATE OR FOREIGN COUNTRY P.R. China	COUNTRY OF CITIZENSHIP P.R. China			
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203	FULL NAME OF INVENTOR	LAST NAME GUO	FIRST NAME Donghai	MIDDLE NAME			
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204	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME			
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP			
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE		
205	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME			
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP			
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE		
206	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME			
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP			
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201 <i>Aiqun Hu</i>	SIGNATURE OF INVENTOR 202 <i>[Signature]</i>	SIGNATURE OF INVENTOR 203 <i>[Signature]</i>
DATE <i>Jan 14, 00</i>	DATE <i>Jan 14, 00</i>	DATE <i>Jan 14, 00</i>
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: ☒ Application of: AIQUN HU et al.

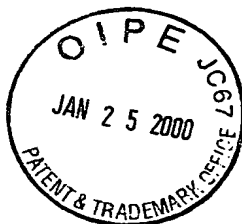
☐ Patent of:

☒ Application No.: 09/383,662

☐ Patent No.:

☒ Filed: August 26, 1999

☐ Issued:



Group Art Unit: 2744

Examiner:

For: BROAD-BRAND MPSK SPREAD  
SPECTRUM COMMUNICATIONS  
RECEIVER WITH CARRIER RECOVERY  
AND TRACKING USING CORRELATION  
TECHNIQUES

Attorney Docket No.: 9661-0005-999

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS  
[37 CFR 1.9(f) and 1.27(d)] - Nonprofit Organization

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

Name of organization University of Hong Kong

Address of organization Pokfulam Road, Hong Kong, China

Type of organization

☒ University or other institution of higher education

☐ Tax exempt under Internal Revenue Service Code (26 USC 501(a) and 501(c)(3))

☐ Nonprofit scientific or educational under statute of state of the United States of America

(Name of state \_\_\_\_\_)

(Citation of statute \_\_\_\_\_)

☐ Would qualify as tax exempt under Internal Revenue Service Code (26 USC 501(a) and 501(c)(3)) if located in the United States of America.

☐ Would qualify as nonprofit scientific or educational under statute of state of the United States of America if located in the United States of America

(Name of state \_\_\_\_\_)

(Citation of statute \_\_\_\_\_)

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code with regard to the invention entitled by inventors Aiqun HU, Tung Sang NG and Donghai GUO described in BROAD-BRAND MPSK SPREAD SPECTRUM COMMUNICATIONS RECEIVER WITH CARRIER RECOVERY AND TRACKING USING CORRELATION TECHNIQUES

☐ the specification filed herewith

☒ application no. 09/383,662 filed August 26, 1999

☐ patent no. \_\_\_\_\_ issued

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization identified above and/or there is an obligation under contract or law by the inventor(s) to convey rights to the nonprofit organization identified above with regard to the invention.

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below\* and no rights to the invention are held by any person, other than the inventor, who could not qualify as an independent inventor under 37 CFR 1.9(c) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

FULL NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

FULL NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. [37 CFR 1.28 (b)]

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, and patent issuing thereon, or any patent to which this verified statement is directed.

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Name of person signing Hailson Yu

Title of person other than owner Head of the Intellectual Property Office, University of Hong Kong

Address of person signing G18, Eliot Hall, University of Hong Kong

Pokfulam Road, Hong Kong, China

Signature \_\_\_\_\_

Date \_\_\_\_\_

**11 NOV 1999**

\*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities.  
(37 CFR 1.27)